

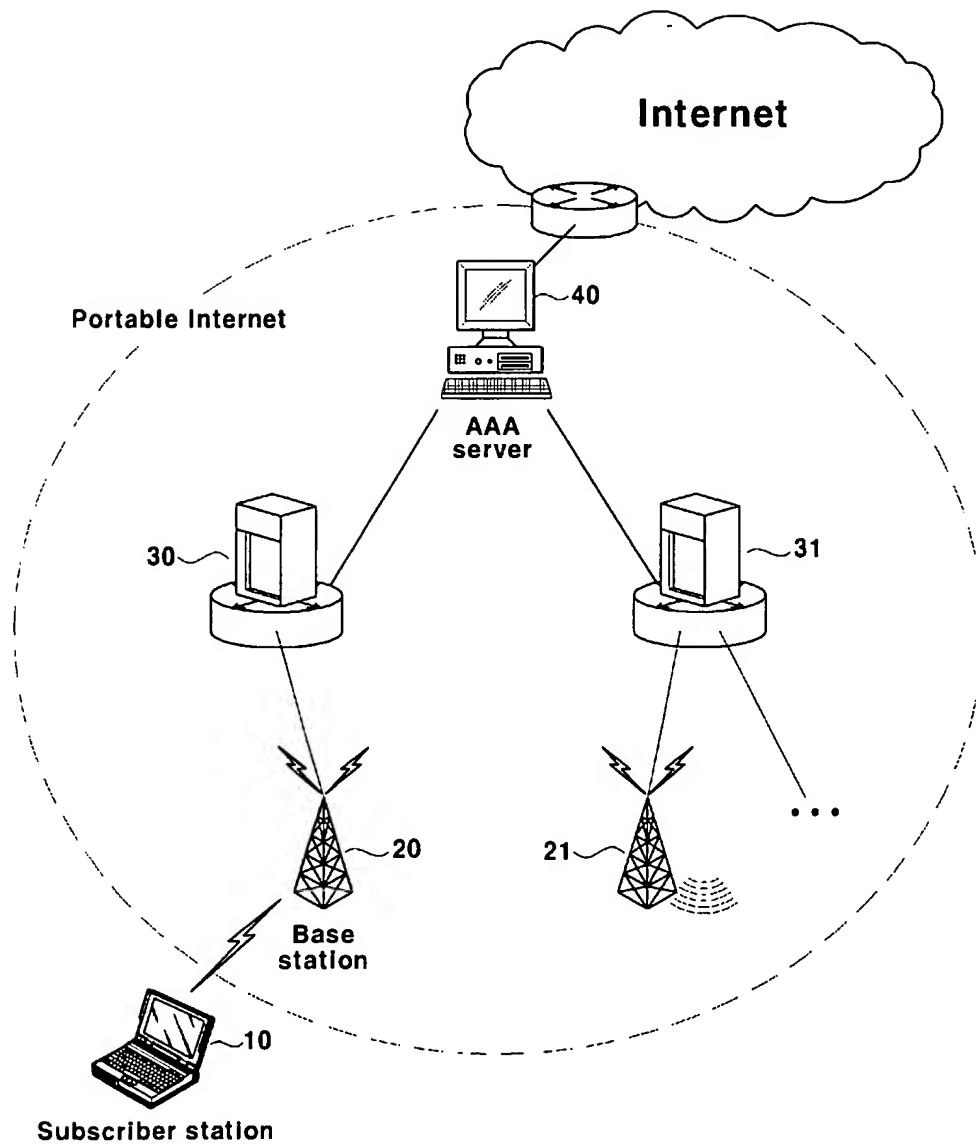
WO 2005/043282

1/14

PCT/KR2004/002766

[Fig. 1]

FIG.1



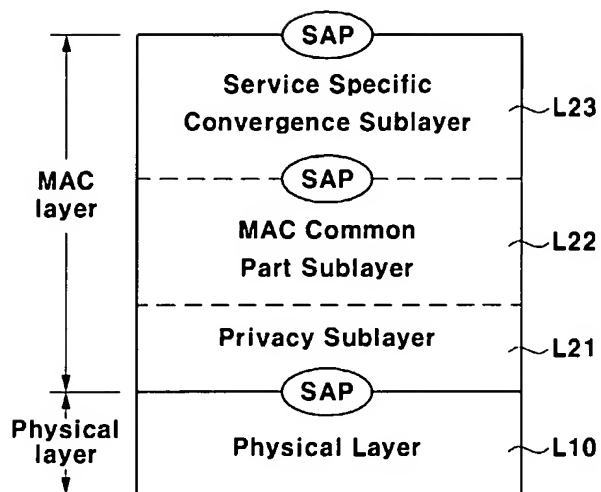
WO 2005/043282

2/14

PCT/KR2004/002766

[Fig. 2]

FIG.2



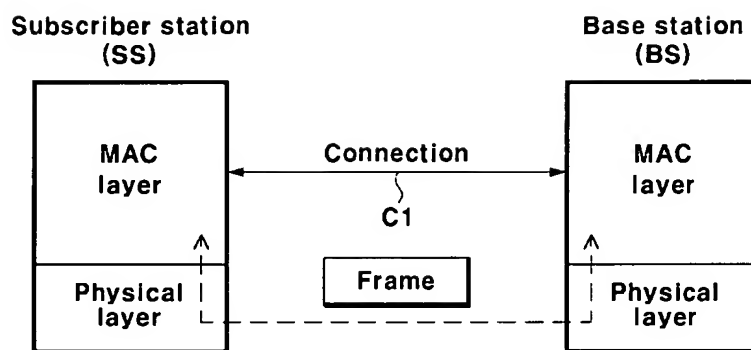
WO 2005/043282

3/14

PCT/KR2004/002766

[Fig. 3]

FIG.3



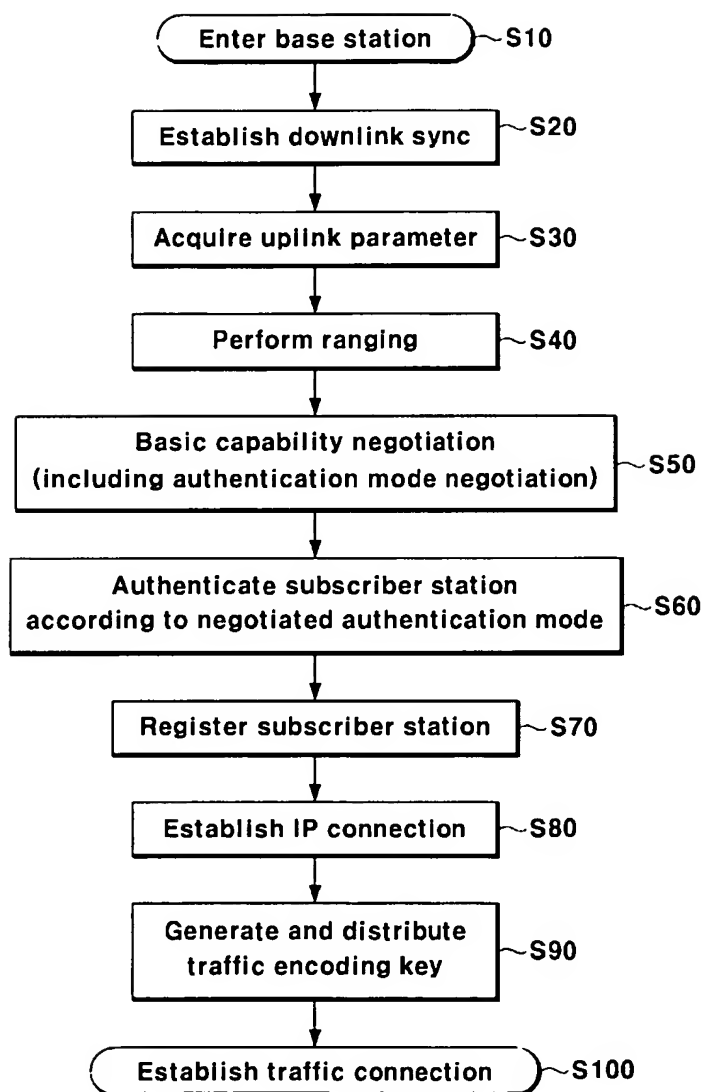
WO 2005/043282

4/14

PCT/KR2004/002766

[Fig. 4]

FIG.4



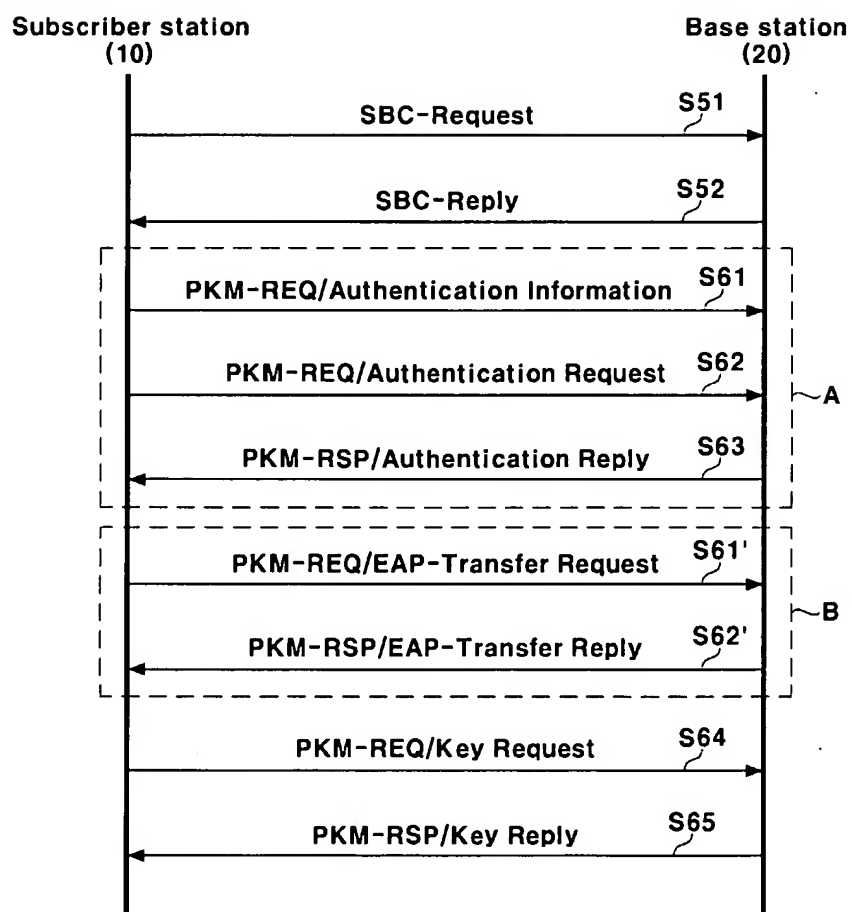
5/14

WO 2005/043282

PCT/KR2004/002766

[Fig. 5]

FIG.5



WO 2005/043282

6/14

PCT/KR2004/002766

[Fig. 6]

FIG.6

Syntax	Size	Notes
SBC-REQ_Message_Format() {		
Management Message Type = 26	8 bits	
TLV Encoded Information {	Variable	TLV specific
Bandwidth Allocation Support	8 bits	Define by bitmap format
Authorization Policy Support	8 bits	Define by bitmap format
Physical Parameters Supported {		
Demodulator	8 bits	Bit#0 = 64-QAM Support
Modulator	8 bits	Bit#0 = 64-QAM Support
FFT Size	8 bits	Bit#1 = FFT-2048
}		
}		
}		

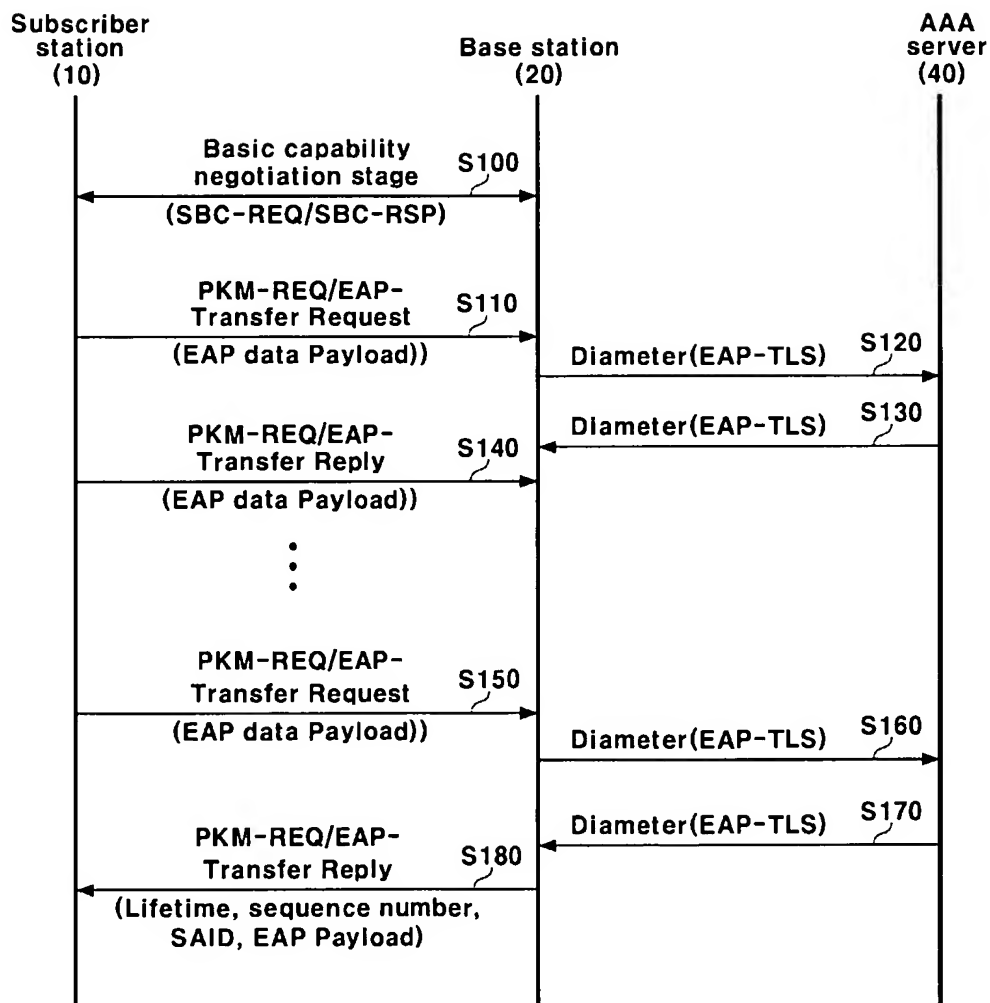
WO 2005/043282

7/14

PCT/KR2004/002766

[Fig. 7]

FIG. 7



WO 2005/043282

8/14

PCT/KR2004/002766

[Fig. 8]

FIG.8

Code	PKM Message Type	MAC Message Type
0~2	Reserved	
3	SA Add	PKM-RSP
4	Auth Request	PKM-REQ
5	Auth Reply	PKM-RSP
6	Auth Reject	PKM-RSP
7	Key Request	PKM-REQ
8	Key Reply	PKM-RSP
9	Key Reject	PKM-RSP
10	Auth Invalid	PKM-RSP
11	TEK Invalid	PKM-RSP
12	Auth Info	PKM-REQ
13	EAP-transfer Request	PKM-REQ
14	EAP-transfer Reply	PKM-RSP
15~255	reserved	



WO 2005/043282

9/14

PCT/KR2004/002766

[Fig. 9]

FIG.9

**EAP transfer Request attributes**

Attributes	Contents
Security-Capabilities	Describes requesting SS's security capabilities
SAID	SecurityAssociation ID, being equal to the Basic CID
EAP Payload	Contains the EAP-TLS Data, not interpreted in the MAC

**EAP transfer Reply attributes**

Attributes	Contents
EAP Result Code	Describes success or failure
Authorization Action Code	Describes SS's policy, re-authorization or re-Initialization
Key Sequence Number	Authorization Key sequence number
Key Life Time	Authorization Key life time
SA Descriptor	Specifies an SAID and additional properties of the SA
EAP Payload	Contains the EAP-TLS Data, not interpreted in the MAC

WO 2005/043282

PCT/KR2004/002766

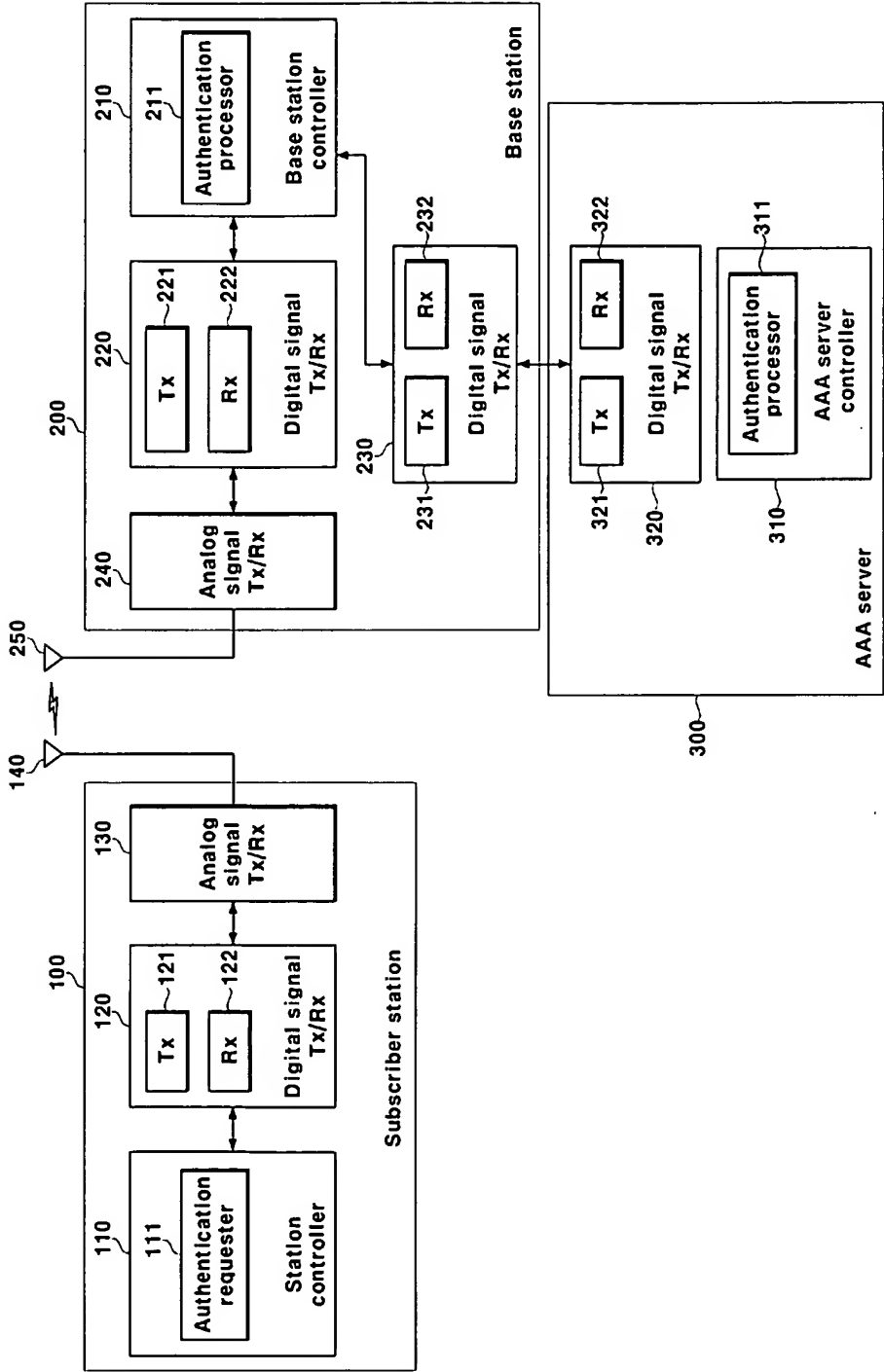
10/14  
[Fig. 10]

FIG.10

Type	Length	Value	Scope
5.21	1	bit #0 : 802.16 Privacy - 701 bit # 1 : Open Privacy - 702 bit #2-7 : reserved; shall be set to zero - 703 (bit #2 : EAP-TLS, bit #3 : EAP-TTLS) - 704	SBC-REQ (see 1.1.1.1.1) SBC-RSP (see 1.1.1.1.2)

[Fig. 11]

FIG.11



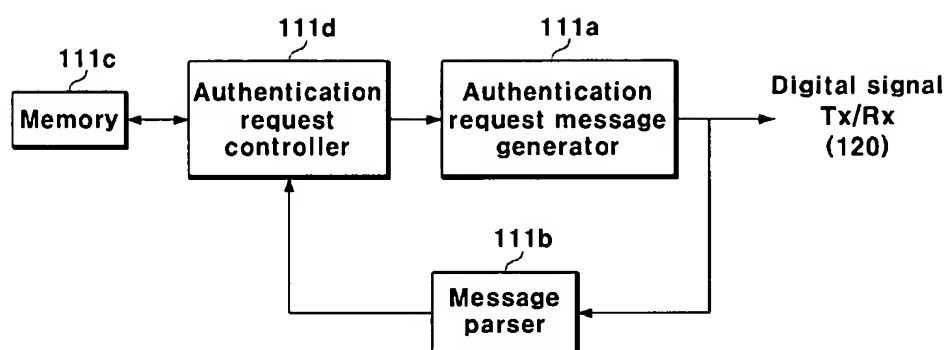
WO 2005/043282

12/14

PCT/KR2004/002766

[Fig. 12]

FIG.12



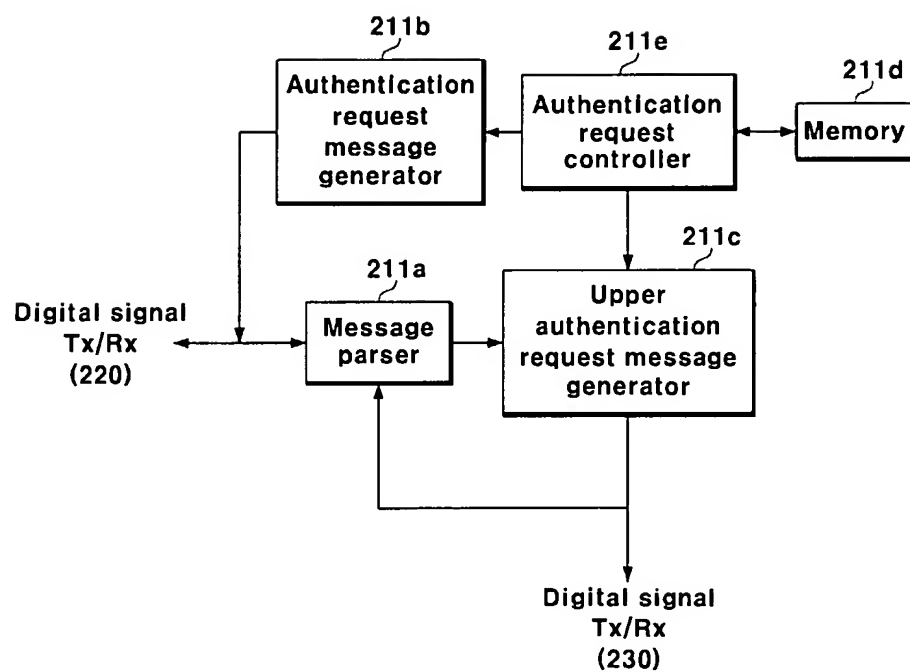
WO 2005/043282

13/14

PCT/KR2004/002766

[Fig. 13]

FIG.13



WO 2005/043282

14/14

PCT/KR2004/002766

[Fig. 14]

FIG.14

